

THE CLAIMS

Claims 1-30 are pending in the instant application. Claims 2-10, 12-20 and 22-30 depend directly or indirectly from independent claims 1, 11 and 21, respectively. The Applicant requests reconsideration of the claims in view of the following remarks.

Listing of claims:

1. (Previously Presented) A method for communicating information in a server, the method comprising:

receiving at a common switch, at least one packet from a first blade server of a plurality of blade servers, wherein said at least one packet is designated for at least a second blade server of said plurality of blade servers, and wherein said first blade server and said at least a second blade server are coupled to said common switch via a common bus;

determining at least a first identifier identifying said common switch, a second identifier identifying said first blade server, and at least a third identifier identifying said second blade server, wherein said first, second and third identifiers are located within a header portion of said received at least one packet; and

routing via said common switch, at least a portion of said at least one received

Application No 10/648,004
Reply to Office Action of July 7, 2009

packet to at least said second blade server, based on said determined first, second and third identifiers from said header portion of said at least one received packet.

2. (Previously Presented) The method according to claim 1, comprising transferring said header portion of said at least one received packet to said at least said second blade server via said common switch.

3. (Previously Presented) The method according to claim 1, wherein said common switch comprises a switch blade coupled to said common bus, and wherein said switch blade controls said routing of said header portion of said received packet.

4. (Previously Presented) The method according to claim 1, wherein said common bus comprises a common backplane.

5. (Previously Presented) The method according to claim 1, wherein said common switch comprises a bus transceiver and a bus controller.

6. (Previously Presented) The method according to claim 1, wherein each of said first, second, and third identifiers comprises one or both of a MAC address and/or

Application No 10/648,004
Reply to Office Action of July 7, 2009

an IP address.

7. (Previously Presented) The method according to claim 1, comprising:
 - acquiring said second identifier of said first blade server; and
 - transferring via said common switch, said acquired second identifier of said first blade server to at least said second blade server.
8. (Previously Presented) The method according to claim 1, comprising broadcasting said header portion of said at least one received packet via said common switch.
9. (Previously Presented) The method according to claim 1, comprising receiving a broadcast containing said at least one received packet.
10. (Previously Presented) The method according to claim 1, comprising receiving at least one packet from said second blade server and transferring via said common switch, said header portion of said at least one packet received from said second blade server to at least one of said first blade server and a third blade server.

Application No 10/648,004
Reply to Office Action of July 7, 2009

11. (Previously Presented) A machine-readable storage having stored thereon, a computer program having at least one code section for communicating information in a server, the at least one code section being executable by a machine for causing the machine to perform steps comprising:

receiving at a common switch, at least one packet from a first blade server of a plurality of blade servers, wherein said at least one packet is designated for at least a second blade server of said plurality of blade servers, and wherein said first blade server and said at least a second blade server are coupled to said common switch via a common bus;

determining at least a first identifier identifying said common switch, a second identifier identifying said first blade server, and at least a third identifier identifying said second blade server, wherein said first, second and third identifiers are located within a header portion of said received at least one packet; and

routing via said common switch, at least a portion of said at least one received packet to at least said second blade server, based on said determined first, second and third identifiers from said header portion of said at least one received packet.

12. (Previously Presented) The machine-readable storage according to claim 11, comprising code for transferring said header portion of said at least one received packet to said at least said second blade server via said common switch.

Application No 10/648,004
Reply to Office Action of July 7, 2009

13. (Previously Presented) The machine-readable storage according to claim 11, wherein said common switch comprises a switch blade coupled to said common bus, and wherein said machine-readable storage comprises code for controlling said routing of said header portion of said received packet by said switch blade coupled to said common bus.

14. (Previously Presented) The machine-readable storage according to claim 11, wherein said common bus comprises a backplane.

15. (Previously Presented) The machine-readable storage according to claim 11, wherein said common switch comprises a bus transceiver and a bus controller.

16. (Previously Presented) The machine-readable storage according to claim 11, wherein each of said first, second, and third identifiers comprises one or both of a MAC address and/or an IP address.

17. (Previously Presented) The machine-readable storage according to claim 11, comprising:

code for acquiring said second identifier of said first blade server; and

Application No 10/648,004
Reply to Office Action of July 7, 2009

transferring via said common switch, said acquired second identifier of said first blade server to at least said second blade server.

18. (Previously Presented) The machine-readable storage according to claim 11, comprising code for broadcasting said header portion of said at least one received packet via said common switch.

19. (Previously Presented) The machine-readable storage according to claim 11, comprising code for receiving a broadcast containing said at least one received packet.

20. (Previously Presented) The machine-readable storage according to claim 11, comprising code for receiving at least one packet from said second blade server and transferring via said common switch, said header portion of said at least one packet received from said second blade server to at least one of said first blade server and a third blade server.

21. (Previously Presented) A system for communicating information in a server, the system comprising:

Application No 10/648,004
Reply to Office Action of July 7, 2009

at least one processor that receives at a common switch, at least one packet from a first blade server of a plurality of blade servers, wherein said at least one packet is designated for at least a second blade server of said plurality of blade servers, and wherein said first blade server and said at least a second blade server are coupled to said common switch via a common bus;

said at least one processor determines at least a first identifier identifying said common switch, a second identifier identifying said first blade server, and at least a third identifier identifying said second blade server, wherein said first, second and third identifiers are located within a header portion of said received at least one packet; and

said at least one processor routes via said common switch, at least a portion of said at least one received packet to at least said second blade server, based on said determined first, second and third identifiers from said header portion of said at least one received packet.

22. (Previously Presented) The system according to claim 21, wherein said at least one processor transfers said header portion of said at least one received packet to said at least said second blade server via said common switch.

23. (Previously Presented) The system according to claim 21, wherein said common switch comprises a switch blade coupled to said common bus, and wherein

Application No 10/648,004
Reply to Office Action of July 7, 2009

said at least one processor controls said routing of said header portion of said received packet by said switch blade coupled to said common bus.

24. (Previously Presented) The system according to claim 21, wherein said common bus comprises a backplane.

25. (Previously Presented) The system according to claim 21, wherein said common switch comprises a bus transceiver and a bus controller.

26. (Previously Presented) The system according to claim 21, wherein each of said first, second, and third identifiers comprises one or both of a MAC address and/or an IP address.

27. (Previously Presented) The system according to claim 21, wherein said at least one processor:

acquires said second identifier of said first blade server; and
transferring via said common switch, said acquired second identifier of said first blade server to at least said second blade server.

Application No 10/648,004
Reply to Office Action of July 7, 2009

28. (Previously Presented) The system according to claim 21, wherein said at least one processor broadcasts said header portion of said at least one received packet via said common switch.

29. (Previously Presented) The system according to claim 21, wherein said at least one processor receives a broadcast containing said at least one received packet.

30. (Previously Presented) The system according to claim 21, wherein said at least one processor receives at least one packet from said second blade server and transfers via said common switch, said header portion of said at least one packet received from said second blade server to at least one of said first blade server and a third blade server.